10/849,346

EAST SEARCH NOTES (cont.)

Part (I) SEARCH STRATEGY

Part (II) SEARCH RESULTS

Part (II) Results Identified As Follows
(C) DOCUMENTS CITED BY EXAMINER ON PTO-892
(1) HIGHLY RELEVANT [X-TYPE] DOCUMENTS
(2) PARTIALLY RELEVANT [Y-TYPE] DOCUMENTS
(3) BACKGROUND [A-TYPE] DOCUMENTS
(4) DOCUMENTS CITED BY APPLICANT PTO-1449

	Hits	Search Text	DBs
1	148	(fabry adj perot or fabry$1perot) same (optical adj switch)	USPAT; US-PGPUB
2	7	((fabry adj perot or fabry$1perot) same (optical adj switch)) AND (fault adj tolerant adj network)	USPAT; US-PGPUB
3	20	((fabry adj perot or fabry$1perot) same (optical adj switch)) AND (optical adj processing)	USPAT; US-PGPUB
4	32	((fabry adj perot or fabry$1perot) same (optical adj switch)) AND (communicat$4 near2 method$1)	USPAT; US-PGPUB
5	7	((fabry adj perot or fabry$1perot) same (optical adj switch)) AND ((fault adj tolerant adj network) same (switching adj operation))	USPAT; US-PGPUB
6	52	((fabry adj perot or fabry$1perot) same (optical adj switch)) AND demultiplexer	USPAT; US-PGPUB
7	2	((fabry adj perot or fabry$1perot) same (optical adj switch)) AND ((fault adj tolerant adj network) same (substantially adj transmissive))	USPAT; US-PGPUB
8	3	((fabry adj perot or fabry$1perot) same (optical adj switch)) AND ((optical adj processing) same demultiplexer)	USPAT; US-PGPUB
9	53	((fabry adj perot or fabry$1perot) same (optical adj switch)) and (lens lenses)	USPAT; US-PGPUB
10	2	((fabry adj perot or fabry$1perot) same (optical adj switch)) AND (demultiplex$3 same lenses)	USPAT; US-PGPUB
11	2	((fabry adj perot or fabry$1perot) same (optical adj switch)) AND (demultiplex$3 same lenses)	USPAT; US-PGPUB
12	1	((fabry adj perot or fabry$1perot) same (optical adj switch)) and (plurality adj2 lenses)	USPAT; US-PGPUB
13	0	((fabry adj perot or fabry$1perot) same (optical adj switch)) AND ((optical adj processing) same demultiplexer same lenses same switching)	USPAT; US-PGPUB
14	29	(fabry adj perot or fabry$1perot) same (optical adj switch)	EPO; JPO; DERWENT
15	3	((fabry adj perot or fabry$1perot) same (optical adj switch)) and (lens lenses)	EPO; JPO; DERWENT
16	1	((fabry adj perot or fabry$1perot) same (optical adj switch)) AND demultiplexer	EPO; JPO; DERWENT
17	0	((fabry adj perot or fabry$1perot) same (optical adj switch)) AND (fault adj tolerant adj network)	EPO; JPO; DERWENT
18	0	((fabry adj perot or fabry$1perot) same (optical adj switch)) AND (optical adj processing)	EPO; JPO; DERWENT
19	0	((fabry adj perot or fabry$1perot) same (optical adj switch)) AND (communicat$4 near2 method$1)	EPO; JPO; DERWENT
20	528	(359/290).CCLS.	USPAT; US-PGPUB
21	763	(359/291).CCLS.	USPAT; US-PGPUB
22	226	(359/578).CCLS.	USPAT; US-PGPUB
23	176	(359/583).CCLS.	USPAT; US-PGPUB
24	55	(359/579).CCLS.	USPAT; US-PGPUB
25	721	(359/589).CCLS.	USPAT; US-PGPUB
26	1625	(385/16).CCLS.	USPAT; US-PGPUB
27	481	(385/47).CCLS.	USPAT; US-PGPUB
28	165	(398/48).CCLS.	USPAT; US-PGPUB
29	101	(398/49).CCLS.	USPAT; US-PGPUB
30	88	((ISLAM-mohammed).IN.) ((ISLAM-mohammed-n).IN.) ((KUDITCHER-amos).IN.)	USPAT; US-PGPUB

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	Hits	Search Text	DBs
31	3	(((ISLAM-mohammed).IN.) ((ISLAM-mohammed-n).IN.) ((KUDITCHER-amos).IN.)) AND ((fault adj tolerant adj network).clm.)	USPAT; US-PGPUB
32	4	(((ISLAM-mohammed).IN.) ((ISLAM-mohammed-n).IN.) ((KUDITCHER-amos).IN.)) AND ((optical adj processing).clm.)	USPAT; US-PGPUB
33	9	(((ISLAM-mohammed).IN.) ((ISLAM-mohammed-n).IN.) ((KUDITCHER-amos).IN.)) AND ((communicat$4 near2 method$1).clm.)	USPAT; US-PGPUB
34	11	(((ISLAM-mohammed).IN.) ((ISLAM-mohammed-n).IN.) ((KUDITCHER-amos).IN.)) AND ((demultiplexer).clm.)	USPAT; US-PGPUB
35	2	(((ISLAM-mohammed).IN.) ((ISLAM-mohammed-n).IN.) ((KUDITCHER-amos).IN.)) AND ((fault adj tolerant adj network) same (switching adj operation)).clm.	USPAT; US-PGPUB
36	2	(((ISLAM-mohammed).IN.) ((ISLAM-mohammed-n).IN.) ((KUDITCHER-amos).IN.)) AND ((fault adj tolerant adj network) same (substantially adj transmissive)).clm.	USPAT; US-PGPUB
37	2	(((ISLAM-mohammed).IN.) ((ISLAM-mohammed-n).IN.) ((KUDITCHER-amos).IN.)) AND ((fault adj tolerant adj network) same (transmission near4 voltage)).clm.	USPAT; US-PGPUB
38	3	(((ISLAM-mohammed).IN.) ((ISLAM-mohammed-n).IN.) ((KUDITCHER-amos).IN.)) AND ((optical adj processing) same demultiplexer).clm.	USPAT; US-PGPUB
39	4	(((ISLAM-mohammed).IN.) ((ISLAM-mohammed-n).IN.) ((KUDITCHER-amos).IN.)) and (lens lenses).clm.	USPAT; US-PGPUB
40	0	(((ISLAM-mohammed).IN.) ((ISLAM-mohammed-n).IN.) ((KUDITCHER-amos).IN.)) AND ((optical adj processing) same demultiplexer same lenses same switching).clm.	USPAT; US-PGPUB
41	0	(((ISLAM-mohammed).IN.) ((ISLAM-mohammed-n).IN.) ((KUDITCHER-amos).IN.)) AND ((optical adj processing) same demultiplexer same lenses).clm.	USPAT; US-PGPUB
42	0	(((ISLAM-mohammed).IN.) ((ISLAM-mohammed-n).IN.) ((KUDITCHER-amos).IN.)) AND (demultiplex$3 same lenses).clm.	USPAT; US-PGPUB
43	0	(((ISLAM-mohammed).IN.) ((ISLAM-mohammed-n).IN.) ((KUDITCHER-amos).IN.)) and (plurality adj2 lenses).clm.	USPAT; US-PGPUB
44	7	(US-6654157-$ or US-6611366-$ or US-6597491-$ or US-6407851-$).did. or (US-20030035194-$ or US-20030035193-$ or US-20020159129-$).did.	USPAT; US-PGPUB
45	7	((US-6654157-$ or US-6611366-$ or US-6597491-$ or US-6407851-$).did. or (US-20030035194-$ or US-20030035193-$ or US-20020159129-$).did.) and ((lens lenses) SAME (space spaced spacing) SAME axis SAME central same collimat$3)	USPAT; US-PGPUB
46	52	(("20020035193"|"20030081878"|"20030086465"|"20030095736"|"20030095738"|"4011009"|"4900119"|"5103340"|"5212743"|"5291502"|"5311360"|"5343542"|"5459610"|"5500761"|"5654819"|"5659418"|"5661592"|"5701193"|"5745271"|"5751469"|"5774252"|"5825528"|"5835255"|"5841579"|"5850492"|"5870221"|"5909303"|"5914804"|"5920391"|"5943155"|"5943158"|"5943454"|"5949571"|"5949801"|"5960133"|"5974207"|"5986796"|"5999319"|"0055147"|"6002513"|"6025950"|"6041071"|"6123985"|"6204946"|"6271052"|"6301274"|"6341039"|"6373632"|"6381387"|"6407851"|"6597492"|"6611366"|"6654157").PN.) NOT ("0055147").PN.	USPAT; US-PGPUB

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	C	1	2	3	4	Document ID ▽	Title	Current OR
1	☐	☒	☐	☐	☒	US 6654157 B2	Micromechanical optical switch	359/291
2	☐	☒	☐	☐	☒	US 6611366 B2	Micromechanical optical switch	359/291
3	☐	☐	☐	☐	☒	US 6597492 B1	Fabrication of an invertedly poled domain structure from a ferroelectric crystal	359/326
4	☒	☒	☐	☐	☐	US 6597491 B2	Micromechanical optical switch	359/291
5	☐	☒	☐	☐	☒	US 6407851 B1	Micromechanical optical switch	359/291
6	☐	☐	☐	☒	☒	US 6381387 B1	Athermalization of a wavelength routing element	385/37
7	☐	☐	☐	☒	☒	US 6373632 B1	Tunable Fabry-Perot filter	359/578
8	☐	☐	☐	☒	☒	US 6341039 B1	Flexible membrane for tunable fabry-perot filter	359/578
9	☐	☐	☐	☒	☒	US 6301274 B1	Tunable external cavity laser	372/20
10	☐	☐	☐	☒	☒	US 6271052 B1	Process for integrating dielectric optical coatings into micro-electromechanical devices	438/50
11	☐	☐	☐	☒	☒	US 6204946 B1	Reconfigurable wavelength division multiplex add/drop device using micromirrors	398/9
12	☐	☐	☐	☒	☒	US 6123985 A	Method of fabricating a membrane-actuated charge controlled mirror (CCM)	427/162
13	☐	☐	☐	☒	☒	US 6041071 A	Electro-optically tunable external cavity mirror for a narrow linewidth semiconductor laser	372/64
14	☐	☐	☐	☒	☒	US 6025950 A	Monolithic all-semiconductor optically addressed spatial light modulator based on low-photoconductive semiconductors	359/244
15	☐	☐	☐	☒	☒	US 6002513 A	Optical modulator providing independent control of attenuation and spectral tilt	359/291
16	☐	☐	☐	☒	☒	US 5999319 A	Reconfigurable compound diffraction grating	359/573

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PART II
(1/3)

	C	1	2	3	4	Document ID ▽	Title	Current OR
17	☐	☐	☐	☒	☒	US 5986796 A	Visible spectrum modulator arrays	359/260
18	☐	☐	☐	☒	☒	US 5974207 A	Article comprising a wavelength-selective add-drop multiplexer	385/24
19	☐	☐	☐	☒	☒	US 5960133 A	Wavelength-selective optical add/drop using tilting micro-mirrors	385/18
20	☐	☐	☐	☒	☒	US 5949801 A	Tunable laser and method for operating the same	372/20
21	☐	☐	☐	☒	☒	US 5949571 A	Mars optical modulators	359/291
22	☐	☐	☐	☒	☒	US 5943454 A	Freespace optical bypass-exchange switch	385/22
23	☐	☐	☐	☒	☒	US 5943158 A	Micro-mechanical, anti-reflection, switched optical modulator array and fabrication method	359/295
24	☐	☐	☐	☒	☒	US 5943155 A	Mars optical modulators	359/247
25	☐	☐	☐	☒	☒	US 5920391 A	Tunable Fabry-Perot filter for determining gas concentration	356/519
26	☐	☐	☐	☒	☒	US 5914804 A	Double-cavity micromechanical optical modulator with plural multilayer mirrors	359/291
27	☐	☐	☐	☒	☒	US 5909303 A	Optical modulator and optical modulator array	359/248
28	☐	☐	☐	☒	☒	US 5870221 A	Micromechanical modulator having enhanced performance	359/290
29	☐	☐	☐	☒	☒	US 5850492 A	Acousto-optical waveguide device with compensation of polarization mode dispersion	385/11
30	☐	☐	☐	☒	☒	US 5841579 A	Flat diffraction grating light valve	359/572
31	☐	☐	☐	☒	☒	US 5835255 A	Visible spectrum modulator arrays	359/291
32	☐	☐	☐	☒	☒	US 5825528 A	Phase-mismatched fabry-perot cavity micromechanical modulator	359/291
33	☐	☐	☐	☒	☒	US 5774252 A	Membrane device with recessed electrodes and method of making	359/224
34	☐	☐	☐	☒	☒	US 5751469 A	Method and apparatus for an improved micromechanical modulator	359/291
35	☐	☐	☐	☒	☒	US 5745271 A	Attenuation device for wavelength multiplexed optical fiber communications	398/87
36	☐	☐	☐	☒	☒	US 5701193 A	Optical reflection modulator	359/290
37	☐	☐	☐	☒	☒	US 5661592 A	Method of making and an apparatus for a flat diffraction grating light valve	359/291

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	C	1	2	3	4	Document ID ▽	Title	Current OR
38	☐	☐	☐	☒	☒	US 5659418 A	Structure for membrane damping in a micromechanical modulator	359/290
39	☐	☐	☐	☒	☒	US 5654819 A	Micromechanical modulator	359/291
40	☐	☐	☐	☒	☒	US 5500761 A	Micromechanical modulator	359/290
41	☐	☐	☐	☒	☒	US 5459610 A	Deformable grating apparatus for modulating a light beam and including means for obviating stiction between grating elements and underlying substrate	359/572
42	☐	☐	☐	☒	☒	US 5343542 A	Tapered fabry-perot waveguide optical demultiplexer	385/31
43	☐	☐	☐	☒	☒	US 5311360 A	Method and apparatus for modulating a light beam	359/572
44	☐	☐	☐	☒	☒	US 5291502 A	Electrostatically tunable optical device and optical interconnect for processors	372/20
45	☐	☐	☐	☒	☒	US 5212743 A	Automatic polarization controller having broadband, reset-free operation	385/11
46	☐	☐	☐	☒	☒	US 5103340 A	Multiple-cavity optical filter using change of cavity length	359/578
47	☐	☐	☐	☒	☒	US 4900119 A	Wavelength selective optical devices using optical directional coupler	385/27
48	☐	☐	☐	☒	☒	US 4011009 A	Reflection diffraction grating having a controllable blaze angle	359/571
49	☐	☐	☐	☒	☒	US 20030095738 A1	Planar optical circuit and optical transmission system	385/14
50	☐	☐	☐	☒	☒	US 20030095736 A1	Transmitter photonic integrated circuit (TxPIC) chip architectures and drive systems and wavelength stabilization for TxPICs	385/14
51	☐	☐	☐	☒	☒	US 20030086465 A1	Heat isolation and dissipation structures for optical components in photonic integrated circuits (PICs) and an optical transport network using the same	372/50
52	☐	☐	☐	☒	☒	US 20030081878 A1	Transmitter photonic integrated circuit (TxPIC) chip with enhanced power and yield without on-chip amplification	385/14
53	☐	☐	☐	☒	☐	US 20030035194 A1	Micromechanical optical switch	359/290
54	☐	☐	☐	☒	☐	US 20030035193 A1	Micromechanical optical switch	359/290
55	☐	☐	☐	☒	☐	US 20020159129 A1	Micromechanical optical switch	359/291
56	☐	☐	☐	☒	☒	US 20020035193 A1	Process for preparing two-phase polymers in the form of their aqueous dispersions and water-redispersible powders	524/460

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